

Practitioner's Docket No. 13189.141



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In re application of: Zengerle, Roland; Hey, Nicolaus; Gruhler, Holger; Freygang, Michael; and  
Mueller, Martin  
Application No.: 09/936,881 Group No.: Unknown  
Filed: September 11, 2001 Examiner: Unknown  
For: FLUID MANAGEMENT APPARATUS WITH FORMAT CONVERSION

Box Non-Fee Amendment  
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Washington, DC 20231

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CONCISE EXPLANATION

A concise explanation of the relevance, as it is presently understood by the individual designated in §1.56(c) most knowledgeable about the content of the information of each patent, publication, or other information listed that is not in the English language is attached.

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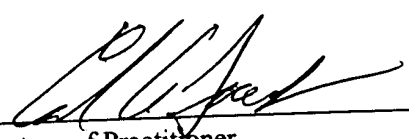
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### CONCISE EXPLANATION OF RELEVANCE

DE 3004555 A1 cited in the National German examination procedure relates to a plotting machine. The plotting machine has a printing head having three pens which can be piezoelectrically actuated. This document does not include any hit as to a format conversion.

EP 0 955 084 A1 relates to a micro-ejection pump. One embodiment of the micro-ejection pump shown in FIG. 5 of this document includes a parallel arrangement of a plurality of pump chambers 4. An ejection orifice is associated with each pump chamber 4 and connected therewith via a fluid channel. In addition, feeding channels 7 (see FIG. 9) are in fluid communication to the pump chambers 4 via diffuser elements. A fluid inlet 16 (FIG. 9) for the feeding channel is provided in the top surface of such a micro-ejection pump 1. On the one hand, this document is silent about a specific format conversion, and, on the other hand, this document is silent about first orifices in a first surface of a substrate and second orifices in a second surface of a substrate which is opposite to the first surface.

<b>Application Number</b>	09/936,881
<b>Filing Date</b>	September 11, 2001
<b>First Named Inventor</b>	Roland Zengerle
<b>Group Art Unit</b>	Unknown
<b>Examiner Name</b>	Unknown
<b>Attorney Dock # Number</b>	13189.141

[illegible][illegible]

Examiner Signature		Date Considered	
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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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